

Serial No. 10/506,711

PF020012

**Listing and Amendments to the Claims**

Please rewrite claim 1. Please cancel claim 1.

1. (Currently Amended) Electron beam deflection system for a cathode-ray tube comprising a pair of horizontal deflection coils and a pair of vertical deflection coils, these two pairs being electrically insulated from each other by a separator, and at least one pair of auxiliary coils made on a flexible sheet placed around the neck of the tube, the auxiliary coils being intended to modify the magnetic field created by at least one of the two pairs of deflection coils, the said ~~pair of auxiliary coils~~ flexible sheet being placed on a cylindrical support, wherein the part of the said support on which the pair of auxiliary coils is placed comprises regions with a low relative permittivity.

2. (Cancelled)

3. (Previously Presented) Electron beam deflection system according to claim 1, wherein the support for the auxiliary coils is independent of the separator.

4. (Previously Presented) Electron beam deflection system according to claim 1, wherein the support for the auxiliary coils is made of plastic.

5. (Previously Presented) Electron beam deflection system according to claim 4, wherein the regions with a low relative permittivity are produced by decreasing the thickness of the support.

6. (Previously Presented) Cathode-ray tube whose electron beam deflection system complies with claim 1.